

**WATER TREATMENT
PLANT
OPERATOR LEADER
WL-5409-10**

**UTILITIES
OPERATIONS**

WATER TREATMENT PLANT OPERATOR LEADER WL-5409-10

JOB SUMMARY

This position is located in the Facilities Management and Airfield Support Department, Facilities Management Division, Utilities Branch, Naval Air Station, Lemoore, California. ~~Incumbent serves as the~~ Senior Operator with responsibility as crew leader of Water Treatment Plant Operators, which operate the Water Treatment Plant consisting of combined coagulation and flocculation, clarification, filtration and chemical injection. Required to treat and deliver potable water in accordance with requirements from the California Department of Health Services.

DUTIES AND RESPONSIBILITIES

- 50% Incumbent acts as lead operator of 10 MGD conventional water treatment facility. Responsible for the efficient operation and general maintenance of water treatment plant and area control center as required by the Department of Health and the State of California. Essential duties include but are not limited to, planning, scheduling and organizing the work of water plant to assure quality, completeness, timeliness and productivity. Evaluate treated water quality and advise manager of problems or of methods for potentially improving water quality. Recommend to manager treated water quality goals and guidelines to assure production of high quality drinking water. Knowledge of physical, chemical and bacteriological methods for the analysis of treated and untreated water; water quality and monitoring regulations as promulgated by the US E.P.A. and California Department of Health Services. Incumbent leads other plant operators in making operational decisions and maintenance activities. Assures work assignments of crew members are carried out and completes like work. Coordinates staff training.
- 50% Incumbent operates the complete primary water treatment facility, regulates inlet water control to meet daily demand. Operates flash mixer, clarifier, mixed media filters, including but not limited to back washing and inspection of filter beds. Operates chlorinators, pumping equipment, which includes sump pumps, distribution pumps, auxiliary fire pumps, calibrates all necessary equipment. Cleans, rebuilds and lubricates equipment. Maintains and prepares routine plant operation records, maintains logs and work sheets. Compiles equipment readings and test results into hourly, daily and monthly reports. Prepares all local, state and federally required reports and assures all laws, rules, regulations, guidelines on sampling, testing and record keeping are met. Maintains laboratory glassware and equipment. Changes chemical cylinders and storage drums as required. Regularly checks plant performance by reading gauges, graphs, meters and central panels. Observes and

monitors outside contractors to verify samples and are collected and handled according to established guidelines. Acts as a liaison between engineers, FACMED, trade supervisors and maintenance personnel. Works with the general public and provides assistance on easing the minds of residents and their water quality concerns.

~~KNOWLEDGE AND SKILLS REQUIRED FOR THE POSITION~~

Senior Operator will be required to have the necessary experience and technical training required to demonstrate knowledge of principals and theories of all facets of water operations. Incumbent is required to have familiarity with treatment process that utilizes clarifier and filter beds. Will perform tests which include but are not limited to a pH, alkalinity, jar test, turbidity, chlorine and fluoride residue, hardness, taste and odor of the water. Must be licensed to operate government vehicle up to 1 ton.

Incumbent must have the ability to lead, train and evaluate. The possession of a State of California, Department of Health Services, "in accordance with division 5, Chapter 9 of the health and safety code" Water Treatment Operator Grade 4 Certificate.

RESPONSIBILITY

Will receive written and oral instruction from the Chief Operator "Utilities Supervisor I". Will work the majority of time without direct supervision and will be called upon to use judgement in the decisions affecting the treatment process. The Senior Operator will make all necessary decisions in order to obtain the ultimate results in water quality with changes or equipment failure. Required to work rotating shifts 0600-0200, 7 days a week normal shift. The incumbent deals with customers, safety, Environmental Management Division, Industrial Hygiene and other shops.

PHYSICAL DEMANDS AND WORK ENVIRONMENT

The incumbent will mix and add treatment chemicals, load and unload chemical containers and chlorine cylinders utilizing vehicular mechanical loading equipment. Requires standing, stooping, bending, kneeling, climbing and working in tiring and uncomfortable positions. Occasionally will lift and carry items that weigh 50 pounds. Works inside and outside in all weather wearing respirators and protective equipment. Environmental conditions are sometimes dirty, dusty or greasy. Sometimes required to make installations and repairs in areas where toxic fumes are present.